



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DKT. NO. 501.33745CX4	SERIAL NO. 10/686,584
O / P INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Shunji MAEDA et al.	
		FILING DATE 17 October 2003	GROUP 2877

U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
HP	AA	4,692,690	09/08/1987	Hara et al.		
HP	AB	4,816,686	03/28/1989	Hara et al.		
HP	AC	4,999,510	03/12/1991	Hayano et al.		
HP	AD	5,162,867	11/10/1992	Kohno		
HP	AE	5,459,794	10/17/1995	Ninomiya et al.		
	AF					
	AG					
	AH					

U.S. PATENT APPLICATIONS

	Application Number	Name	Publication Date
	AI		
	AJ		
	AK	<i>None</i>	
	AL		

FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract	
						Yes	No
HP	AM 63-055455 A	03/09/1988	JP			Abstract	
	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS

AU	
AV	
AW	<i>None</i>
AX	

Examiner

Date Considered

3/16/06